

2019

Computational Biology Workshop

Lecture room A of NCTS, 4F, 3rd General Building, Nat'l Tsing Hua Univ.



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▶ Introduction

Even at its smallest scale, life evolves as a community from what is genetically inherited and subject to general physics laws. Modern computational tools implemented with well developed statistics, efficient algorithms, machine learning techniques and physicochemical laws are used to analyze diseased and healthier lives, better select drug targets, and design/repurpose high affinity peptides/drugs against promising targets. Welcome join us to explore life in silico!

Registration: 8:20am~08:50 am
Conference: 08: 50 am~18:00pm

▶ Invited Speakers

Prof. Jui-Hung Hung

Department of Computer Science, NCTU

Prof. Panichakorn Jaiyong

Thammasat University

Prof. Durai Sundar

Indian Institute of Technology (IIT) Delhi

Prof. Jinn-Moon Yang

Indian Institute of Technology (IIT) Delhi

▶ AI workshop - AI for Drug

Design and Screening

Emmanuel O Salawu

Insilico Medicine/Insilico Taiwan

▶ MD workshop - Automation of the MD simulations

Justin Chan & Kun-Lin Tsai

Institute of Bioinformatics and Structural Biology, NTHU, Taiwan

▶ Presentation by Senior and Junior Student Researchers

Justin Chan

NTHU

Chonnikan (King)

Chulalongkorn University

Yuan-Yu Chang

NTHU

Kevin Chen

NTHU

Chiao-Yu Hsieh

NCTU

Shalaka Patil

IIT Delhi

Urvashi Dhar

IIT Delhi

Yash Bhatnagar

IIT Delhi

NCTS
National Center for Theoretical Sciences



▶ Hosts

Prof. Lee-Wei Yang

Institute of Bioinformatics and Structural Biology, NTHU, Taiwan



Registration Deadline: July 8, 2019

website :

<http://wm.cts.nthu.edu.tw/actnews/signup.php?Sn=467>

地點：清華大學綜合三館理論中心4F會議室A